Reme Ajayi *Data Engineer*

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Professional Experience

Data Engineer   2022/11 – present | Toronto, Canada
TheScore

- Implemented Streaming data pipelines to transform and load large volumes of data across 30+ raw tables into Redshift using Pyspark deployed to Google Cloud Dataproc for downstream analytical models
- Developed Regulator Report Generation and delivery service using Python and FastAPI that reduced regulation compliance time by 30%
- Provided ad-hoc Redshift data warehouse support for data analysts and maintained existing airflow pipelines
- Implemented monitoring and alerting on Reporting service for on-call engineers to proactively address problems in Datadog
- Researched and Developed Apache Flink Proof-of Concept application to evaluate Stream processing and transformation capabilities on in-house data
- Delivered transformed dataset in Amazon Redshift for Risk Analysis Teams facilitating data-driven insights on fraudulent bettors.
- Implemented pipeline and applications to aggregate and validate raw, unstructured web and mobile customer event data

Data Engineer, Co-op   2022/01 – 2022/04 | Brampton, Ontario
Loblaw Companies Limited

- Created monitoring and alerting for Fraud detection model pipeline to maintain data integrity using Apache Airflow, Google Cloud Monitoring, SQL, and Terraform.
- Created a DataStudio dashboard to report project Bigquery usage for cost optimization and adopting efficient SQL coding patterns.

Education

M.Eng Electrical and Computer Engineering   2020/09 – 2021/12 | Waterloo, Canada
University of Waterloo

B.Eng Computer Engineering   2013/08 – 2018/07 | Ota, Nigeria
Covenant University

Skills

Programming and Big Data Tools
Python, SQL, Apache Spark, Apache Kafka, Java

Orchestration
Airflow, Argo Workflows

Soft skills
Problem-Solving, Collaboration, Documentation

Cloud Services and Deployments Tools
Amazon Web Services, Google Cloud Platform, Docker, Kubernetes

Databases and Warehousing
Dimensional modeling, Redshift, PostgreSQL, Apache Hudi

Certificates

- AWS Certified Solutions Architect Associate (2023)